

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 6:00 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 063 Const Calendar Day: 224 Date: 20-Apr-2010 Tuesday

Inspector Name: Mathur, Lalit Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 06:30 am 06:00 pm Break: Over Time: 03:00

Federal ID:

Location:

Reviewer: Liu, Tai-Lin Approved Date: 06-Jul-10 Status: Approved

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather****Temperature** 7 AM 50 - 60 12 PM 50 - 60 4PM 50 - 60**Precipitation** 0 **Condition**Working Day ☒ If no, explain:

04-0120F4	Bid Item: 056	E-L01-OBG.056	E Line Lift 01 OBG Erect structural steel
AMERICAN BRIDGE/FLUOR, A JV			
04-0120F4	Bid Item: 056	W-L01-OBG.056	W Line Lift 01 OBG Erect structural steel (bridge box girder)
AMERICAN BRIDGE/FLUOR, A JV			
04-0120F4	Bid Item: 056	W-L02-OBG.056	W Line Lift 02 OBG Erect structural steel (bridge box girder)
AMERICAN BRIDGE/FLUOR, A JV			
04-0120F4	Bid Item: 056	W-L03-OBG.056	W Line Lift 03 OBG Erect structural steel (bridge box girder)
AMERICAN BRIDGE/FLUOR, A JV			
04-0120F4	Bid Item: 056	W-L04-OBG.056	W Line Lift 04 OBG Erect structural steel (bridge box girder)
AMERICAN BRIDGE/FLUOR, A JV			
04-0120F4	Bid Item: 056	W-L05-OBG.056	W Line Lift 05 OBG Erect structural steel (bridge box girder)
AMERICAN BRIDGE/FLUOR, A JV			
04-0120F4	Bid Item: 056	W-L06-OBG.056	W Line Lift 06 OBG Erect structural steel (bridge box girder)
AMERICAN BRIDGE/FLUOR, A JV			



Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Mathur, Lalit

Diary #: 063

Date: 20-Apr-2010

Tuesday

Diary:

Dispute ☐

General Comments 056 W-L06-OBG.056

Weather: Hi 59°F Low 45°F, Heavy showers in the early morning hours, terminating by 7 AM, nice but cloudy weather there after in the morning and sun shine in the afternoon.

Description of Work by ABF and its Sub-contractors.

W2 Activities

·There was no work at W2.

Pier 7 Activities

- ABF continues offloading from the 2nd shipment of OBGs and Cross Beams received over the weekend.
- ABF has Lifting Frame at Pier 7.
- The Deviation Saddles Barge is anchored at Pier 7 next to Lifting Frame Barge. The Deviation Saddles are tagged as W2E1, W2E2, W2E3, W2W1, W2W2 and W2W3 for a total of 6 pieces.
- ABF has set up a security barrier and no one is allowed to go on the ship except some of the ABF workers working on off loading the OBGs.
- ABF removed one cross beam CB-4 yesterday.
- This morning ABF moved the CB-5 by 9 AM and removed CB-6 by 10 AM. Both CB-5 and CB-6 were on the same barge. This barge was immediately sailed away to offsite anchoring location.
- ABF then moved the Shear Leg Crane to position for lifting OBGs.
- ABF brought the Lifting Frame barge to the east of Pier 7 and positioned the Shear Leg Crane. ABF started to hook the Lifting Frame to Crane hook. By 1:00 PM, it hooked and by 1:30 PM, the Lifting Frame was up in the air.
- ABF continues using barge crane and the Pier 7 Gantry to remove the support frames of the OBGs from the ship.
- The iron workers were working to remove the lifting frames, disconnecting these at the top, burning out some of the columns and unbolting. It almost takes 1hour for removal of each support frame. The south side frames were stored on the barges and north side support frames were stored on the Pier 7 by the Gantry Crane.
- By end of day all supporting frames were removed.
- ABF started to hook the Lifting Frame to top of OBG Lift 6-W, weighing 1054.9 tonnes. By 3 PM, the Lift 6-W was up in the air by Shear Leg Crane. ABF brought a spacer barge and then the barge 260 to support the Lift 6-W. By 3.45 PM, the Lift 6-W was lowered on the barge and by 4 PM, ABF started to tie it down.
- By 4:45 PM, the Lift 6-W was on barge no 260. The crew tied it to the barge. The barged towed to east of Pier 7.
- The crew moved to the ship to prepare for tomorrow. About a dozen people worked on the OBG erection on the barge.
- Simultaneously, ABF workers started to add temporary handrails on top of Lift 6-E, getting it ready for lifting tomorrow. They finished by 5:30 PM.
- According to Jerry Kent, there are 97 people working on the project.
- After counting the people existing from the ship yesterday, it appears that ½ the people are working on the ship, ¼ on the site and ¼ on the pier 7 activities.

OBG Lift Activities at Site:

·ABF people started working at 7 AM.

·Cradles

- Lift 5-E, 8-E, 5-W & 6-W Cradles.
- These cradles are on the trusses.

·Lift 4-W

- ABF continues bolting between 3-W and 4-W.
- The welding at top of 4-W is done over the weekend but needs to be tested.
- ABF continues preparing for welding at bottom and the sides.



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- ABF installed the working platform for side welding between 3-W and 4-W.
- Lift CB-3
 - Lift CB-3 is fully bolted to Lift 4-E and partially to Lift 4-W.
- Lift 3-W
 - Lift 3-W is in its final location.
 - ABF continues preparing for welding at bottom and the sides.
 - ABF installed the working platform for side welding between 3-W and 4-W on the inside only.
 - ABF continues welding between Lifts 2-W and 3-W. The top welding is done but is not tested yet.
- Lift CB-2
 - The Lift CB-2 was in final position.
- Lift 2-W Operations
 - Lift 2-W is in its final position.
 - ABF continues welding between Lifts 2-W and 3-W. The top welding is done but is not tested yet.
- Lift CB-1 Operations
 - Lift CB-1 is in its final position.
- Lift 1-W Operations
 - Lift 1-W is in its final position.
- Lift 4-E Operations.
 - Bolting between CB-3 and Lift 4-E is complete.
 - Lift 4-E is in its final position.
 - ABF continues welding between Lifts 3-E and 4-E at the bottom and the sides.
- Lift 3-E Operations
 - Lift 3-E is in its final position.
 - ABF continues welding between Lifts 3-E and 4-E at the bottom and the sides.
- Lift 2-E operations.
 - oThe Lift 2-E is in its final position.
 - oWelding & grinding continues on all sides between Lifts 2-E and 3-E.
- Lift 1-E operations
 - Lift 1-E is in its final position except for the closure pour.
- Shear Leg Crane and Lifting Frame additional Operations
 - The shear leg crane was used all day.
 - The Shear Leg Crane was used to unload the Cross Beams CB-5 & CB-6 from the ship in the morning. These were set on the same barge. The barge was then towed away to west of Pier 7 anchoring location.
 - The Lifting Frame Barge was brought to east side of Pier 7. The shear leg crane was positioned and the Lifting Frame was hooked to it. The Shear Leg Crane was positioned over the Lift 6-W. The Lift 6-W was lifted and set on barge no 260 by end of the day.
- Hanging of Working Platform
 - oHanging Platforms are at Lifts 2-E & 3-E, Lift 3-E & 4-E, Lift 1-W & 2-W on both sides and at Lift 3-w & 4-W junction on the inside only.
- Miscellaneous Activities
 - Checked the site work and Pier 7 activities occasionally.
 - Gil is off today.
 - Checked the pay estimates prepared by Matt Bruce for item 38 for concrete and the CCO monthly

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payment for survey.

- Worked on the TY Lin Report and discussed with Tai-Lin.

- TY Lin's Rami had a meeting at 2 PM.

- Jason, Lalit and Rami of TY Lin had a meeting.

- Rami wanted the times and dates of all bolting and welding.

- Jason mentioned that he will try it.

- Jason will collect the information and forward it to Lalit to include it as TY Lin as part of the reports sent to TY Lin.

- Later in the afternoon, Mohinder Chahal found some errors in the Pay Estimates prepared by David Bradd. After reviewing, these estimates were corrected. I informed David by Email to check with Mohinder for the update.

- Later in the afternoon, Took a brief visit with Brian Boal to show him the Deviation Saddles, 6 pieces total. These saddles are on a barge on south-west side of Pier 7.

04-0120F4	Bid Item: 056	E-L02-OBG.056	E Line Lift 02 OBG Erect structural steel
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AMERICAN BRIDGE/FLUOR, A JV

04-0120F4	Bid Item: 056	W-L08-OBG.056	W Line Lift 08 OBG Erect structural steel (bridge box girder)
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AMERICAN BRIDGE/FLUOR, A JV

04-0120F4	Bid Item: 056	X-L02-CBM.056	E-W Line Cross Over Lift 02 Cross Beam
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AMERICAN BRIDGE/FLUOR, A JV

04-0120F4	Bid Item: 056	X-L03-CBM.056	E-W Line Cross Over Lift 03 Cross Beam
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04-0120F4	Bid Item: 056	X-L04-CBM.056	E-W Line Cross Over Lift 04 Cross Beam
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AMERICAN BRIDGE/FLUOR, A JV

04-0120F4	Bid Item: 056	X-L05-CBM.056	E-W Line Cross Over Lift 05 Cross Beam
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AMERICAN BRIDGE/FLUOR, A JV

04-0120F4	Bid Item: 056	X-L06-CB1.056	E-W Line Cross Over Lift 06 Cross Beam 1
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AMERICAN BRIDGE/FLUOR, A JV



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Inspector Name Mathur, Lalit

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Tuesday

04-0120F4 Bid Item: 056 X-L07-CB1.056 E-W Line Cross Over Lift 07 Cross Beam 1
AMERICAN BRIDGE/FLUOR, A JV

Diary:

Dispute

General Comments 056 X-L07-CB1.056

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04-0120F4 Bid Item: 056 E-L08-OBG.056 E Line Lift 08 OBG Erect structural steel
AMERICAN BRIDGE/FLUOR, A JV